Index of Claims

| Appli | cation | /Contro | l No. |
|-------|--------|---------|-------|
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09/739,715

Examiner

Patrice Winder

Applicant(s)/Patent under Reexamination

PANKOVCIN ET AL.
Art Unit

2145

| √ | Rejected |
|---|----------|
| = | hawoilA  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim           |                                     |                     |              | Date     | e                |          |          |           | Cla      | im       |                     |                   |         | Date    | 3               |          |                  |          | CI          | aim        |          |                 |          | D                  | ate          |          |          |          |          |
|----------|---------------|-------------------------------------|---------------------|--------------|----------|------------------|----------|----------|-----------|----------|----------|---------------------|-------------------|---------|---------|-----------------|----------|------------------|----------|-------------|------------|----------|-----------------|----------|--------------------|--------------|----------|----------|----------|----------|
|          | <u>—</u>      | 2                                   |                     |              |          |                  | П        |          |           |          |          |                     | $\top$            | T       |         |                 |          |                  |          |             | ם          |          |                 |          |                    |              |          |          |          | ]        |
| Final    | Original      | 6/13/05                             |                     |              |          |                  |          |          |           | Final    | Original |                     | - 1               |         |         |                 |          |                  |          | Final       | Original   |          |                 |          |                    | -            |          |          |          |          |
| 匠        | <u>ਨੌ</u> ਂ   | 1/9                                 |                     |              |          |                  |          |          |           | 证        | Ç        |                     |                   |         |         |                 |          |                  |          | 证           | Öriç       |          |                 |          |                    |              |          |          |          |          |
|          |               |                                     | $oxedsymbol{\perp}$ | $\perp$      | <u> </u> | Ш                |          |          | _         |          |          |                     | _                 |         | 1_      | $\Box$          |          |                  |          |             |            | Ш        |                 | 4        | $\dashv$           | 4            | _        | _        | _        |          |
| <u> </u> | 1             | 1                                   |                     | $\perp$      | ļ        | _                |          | $\dashv$ | 4         |          | 51       | $\dashv$            | 4                 | $\perp$ | —       |                 | +        | -                |          |             | 101        |          | -               | 4        | 4                  | -            | $\dashv$ |          | _        |          |
|          | . 2           | 1                                   |                     | -            | ╄        | Н                | $\vdash$ | _        | -         |          | 52       | $\dashv$            | +                 | +       | _       | $\vdash$        |          | $\vdash$         |          |             | 102        | Н        | -               | -        | -                  | $\dashv$     | -        | -        | -        |          |
| <u> </u> | 3             | 1                                   | $\vdash$            | +-           | ╀        | H                | -        | -        | -         |          | 53       | -                   | +                 | +       | +       | $\vdash$        | +        | +                |          |             | 103        | Н        |                 | +        | +                  | $\dashv$     |          | +        | -+       |          |
| <u> </u> | <u>4</u><br>5 | 1                                   |                     | +            | ╁        | Н                |          | +        | -         |          | 54<br>55 | -+                  | +                 | +       | +       | +               | +        | ╁                |          |             | 104<br>105 | Н        | +               |          | +                  | $\dashv$     | ┰        | -        | $\dashv$ |          |
|          | 6             | V                                   | $\vdash$            | +            | 1-       | Н                | $\vdash$ | $\dashv$ | -         |          | 56       | -                   | +                 | +       | +       | $\vdash$        | +        | $\vdash$         |          |             | 106        | Н        |                 | +        | +                  | $\dashv$     | $\dashv$ | +        | +        |          |
|          | 7             | 1                                   | $\vdash$            | ╅            | +-       | $\vdash$         |          | +        | -         |          | 57       | $\dashv$            | -+                | ╁       | +       | $\vdash$        | $\dashv$ | ╁╌               |          |             | 107        | Н        | -               | +        | +                  | $\dashv$     | $\dashv$ | $\dashv$ | -        |          |
| _        | 8             | Ť                                   |                     | +            | 十        | $\vdash$         | H        | $\dashv$ | $\dashv$  |          | 58       | -                   | +                 | +       | +-      |                 |          | -                | l        |             | 108        | Н        | $\vdash$        | 十        | +                  | $\dashv$     | $\dashv$ | 十        | 十        | $\neg$   |
|          | 9             | V                                   | $\vdash$            | _            | t        | H                |          | $\neg$   | 1         |          | 59       |                     | 十                 | $\top$  | 1       |                 |          | 1                |          | •           | 109        | Н        |                 | 十        | +                  | 寸            | $\dashv$ | $\dashv$ | 1        |          |
|          | 10            | 1                                   |                     | _            | +        | М                | $\Box$   | 1        | ٦         |          | 60       | $\Box$              | $\top$            | $\top$  | $\top$  | $\top$          | 十        |                  |          |             | 110        | H        | $\neg \uparrow$ | 十        | 十                  | 7            | _        | 7        |          |          |
|          | 11            | 1                                   |                     |              | T        | П                |          | $\dashv$ |           | -        | 61       | $\Box$              | $\dashv$          | $\top$  |         | $\Box$          |          |                  |          |             | 111        |          |                 | _†       |                    | 1            |          |          |          |          |
|          | 12            | 1                                   |                     | ightharpoons | Γ        |                  |          |          |           |          | 62       |                     |                   |         |         |                 |          |                  |          |             | 112        |          |                 |          | $\Box$             |              |          |          |          |          |
|          | 13            | 1                                   |                     |              |          |                  |          |          |           |          | 63       |                     |                   |         |         |                 |          |                  | <b></b>  |             | 113        |          |                 | I        |                    | I            |          |          |          |          |
|          | 14            | 1                                   |                     |              |          |                  |          |          |           |          | 64       |                     | $\Box \mathbb{I}$ |         |         |                 |          |                  |          |             | 114        |          |                 | $\perp$  | $\perp$            | Ţ            |          |          | $\Box$   |          |
|          | 15            | 1                                   | $\Box$              |              |          |                  | П        | $\Box$   |           |          | 65       | Ц                   |                   | $\bot$  | ļ       |                 | $\perp$  | _                |          |             | 115        | Ш        | $\Box$          | $\perp$  | $\perp$            | $\Box$       | [        | $\perp$  | $\Box$   | _]       |
|          | 16            | 1                                   | ot                  | $\perp$      | $\perp$  | L.               | $\sqcup$ | _        | _         |          | 66       | Ш                   | _                 | $\bot$  | $\bot$  | $\sqcup$        | $\perp$  | $\perp$          |          |             | 116        | Щ        | $\sqcup$        | 4        | 4                  | $\downarrow$ | _        | _        | _        | _        |
| <u> </u> | 17            | 1                                   | $\sqcup$            | $\perp$      | $\perp$  | $\vdash$         | $\sqcup$ | _        | 4         | <u> </u> | 67       | $\sqcup$            | _                 | _       | $\perp$ | $\vdash \vdash$ | $\bot$   | -                |          |             | 117        |          |                 | 4        | 4                  | 4            | _        | _        | $\dashv$ | _        |
| <u> </u> | 18            | ٧,                                  | $\vdash \downarrow$ | +            | ╀-       | -                | $\vdash$ | 4        | 4         |          | 68       | $\sqcup$            | $\dashv$          | +       | +       | $\vdash \vdash$ | _        |                  | :::::    | ļ           | 118        | <u> </u> | $\vdash$        | $\dashv$ | $\dashv$           | 4            | _        | $\dashv$ | 4        | 4        |
| -        | 19            | <b>V</b>                            |                     |              |          | $\vdash$         | $\vdash$ | +        | 4         |          | 69       | $\dashv$            | +                 | +       | +       | $\vdash \vdash$ | +        | ┼                |          |             | 119        | $\vdash$ | $\vdash$        | $\dashv$ | +                  | +            |          | $\dashv$ | 4        | _        |
| $\vdash$ | 20            | 1                                   | ╁┼                  | +            | +-       | $\vdash$         | $\vdash$ | +        | $\dashv$  |          | 70<br>71 | $\dashv$            | +                 | +       | +       | $\vdash$        | +        | -                | ł        |             | 120<br>121 | $\vdash$ | $\vdash$        | +        | $\dashv$           | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ | -        |
| <b> </b> | 21            | $\vdash$                            | $\vdash$            | +            | +        | ╁                | $\vdash$ | +        | $\dashv$  |          | 72       | $\vdash \vdash$     | +                 | +       | +       | $\vdash \vdash$ | +        | +                | ł        | -           | 122        | $\vdash$ | $\vdash$        | +        | +                  | -            |          | $\dashv$ | $\dashv$ | $\dashv$ |
| 1        | 23            | +                                   | $\vdash$            | +            | +        | -                | $\vdash$ | +        | $\dashv$  | -        | 73       | $\vdash$            | +                 | +       | +       | $\vdash$        | +        | +                | 1        | <b></b> -   | 123        | -        | $\vdash \vdash$ | +        | $\dashv$           | $\dashv$     | $\dashv$ | -+       | -        |          |
|          | 24            | $\vdash$                            | $\vdash$            | +            | +        | 1                | $\vdash$ | -        | $\dashv$  |          | 74       | $\vdash$            | $\dashv$          | +       | +       | $\vdash$        | +        | +                | l        |             | 124        | -        | $\vdash \vdash$ | $\dashv$ | 十                  | $\dashv$     | $\dashv$ | $\dashv$ | ᅥ        | -        |
|          | 25            | $\vdash$                            |                     | +            | +        | $\vdash$         | $\vdash$ | _        | $\dashv$  |          | 75       | $\vdash \vdash$     | $\dashv$          | +       | 1       | +               | +        | +                | 1        |             | 125        | Н        | H               | 十        | 十                  | +            | _        | $\dashv$ | $\dashv$ |          |
|          | 26            | t                                   |                     | +            | 1        |                  |          |          | _         |          | 76       | $\forall$           | 7                 | +       | $\top$  |                 | +        | $\top$           |          |             | 126        |          | $\Box$          | $\dashv$ | $\top$             | 7            | _        | $\dashv$ | _        |          |
|          | 27            | Г                                   |                     | ┪            | 十        |                  | П        |          |           |          | 77       |                     | _                 | $\top$  | T       |                 |          | 1                |          |             | 127        |          |                 | 7        | 十                  | T            |          | 1        |          |          |
|          | 28            |                                     |                     |              | 1        |                  |          |          | ٦         |          | 78       | П                   |                   |         | T       | П               |          |                  | 1        |             | 128        |          |                 |          |                    | T            |          | 1        |          |          |
|          | 29            |                                     |                     |              |          |                  |          |          |           |          | 79       |                     |                   |         |         |                 |          |                  |          |             | 129        |          |                 |          |                    |              |          |          |          |          |
|          | 30            |                                     |                     |              |          |                  |          |          |           |          | 80       |                     |                   |         |         |                 |          |                  |          |             | 130        |          |                 |          |                    |              |          |          |          |          |
|          | 31            | _                                   | Ш                   | $\perp$      | $\perp$  | $oxed{oxed}$     | H        |          | _         |          | 81       | Ш                   | $\perp$           | _       | 1       |                 |          | $\perp$          | l        |             | 131        |          | Ш               | $\perp$  |                    | _            | _        |          | _        |          |
| <u> </u> | 32            | _                                   | $\sqcup \bot$       | $\perp$      | <u> </u> | $\sqcup$         | Ш        | _        | _         | <u> </u> | 82       | Ц                   | $\perp$           | $\bot$  | 1       | $\sqcup$        |          | $\perp$          | liiii    | L           | 132        |          | $\sqcup$        | 4        | 4                  | $\dashv$     | _        | _        | _        |          |
| <u> </u> | 33            | ├                                   | $\vdash \vdash$     | -+-          | ╄-       | <del>  -  </del> | $\vdash$ | -+       | 4         | <u> </u> | 83       | $\vdash \downarrow$ | $\dashv$          | +       | +       | $\vdash \vdash$ | +        | ↓_               | l        |             | 133        |          | $\vdash \vdash$ | +        | 4                  | 4            |          | -+       | -        | _        |
| -        | 34            | -                                   | $\vdash \vdash$     | -ŀ-          | +-       | $\vdash$         | $\vdash$ |          | _         | <u> </u> | 84       | $\vdash \vdash$     | $\dashv$          | +       | +       | $\vdash \vdash$ | +        | +                | <b> </b> | -           | 134        | $\vdash$ | $\vdash \vdash$ | $\dashv$ | +                  | $\dashv$     | $\dashv$ | +        | $\dashv$ | 4        |
| <u> </u> | 35            | 1                                   | $\vdash \vdash$     |              | +        | $\vdash$         | $\vdash$ | $\dashv$ | $\dashv$  | $\vdash$ | 85       | $\vdash \vdash$     | +                 | +       | -       | $\vdash \vdash$ | +        | +-               | liiii    |             | 135        | $\vdash$ |                 | +        | +                  | $\dashv$     |          | $\dashv$ | $\dashv$ | -        |
| -        | 36<br>37      | -                                   | $\vdash$            | +            | +        | $\vdash$         | H        | +        | $\dashv$  |          | 86<br>87 | $\vdash$            | +                 | +       | +       | ⊢┼              | +        | +-               | liiii    | _           | 136<br>137 | $\vdash$ | ⊣               | +        | $\dashv$           | +            | $\dashv$ | $\dashv$ | +        | -        |
|          | 38            | $\vdash$                            | $\vdash \vdash$     | +            | +        | $\vdash$         | Н        | +        | $\dashv$  | $\vdash$ | 88       | $\vdash \vdash$     | +                 | +       | +-      |                 | $\dashv$ | +                | 1        | <del></del> | 137        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$           | $\dashv$     | -        | $\dashv$ | $\dashv$ | _        |
| -        | 39            | -                                   | $\vdash \vdash$     | +            | +        | H                | H        | $\dashv$ | $\dashv$  | $\vdash$ | 89       | $\vdash \vdash$     | +                 | +       | +       | -               | +        | +                | 1        |             | 139        | $\vdash$ | -               | $\dashv$ | ╅                  | +            | $\dashv$ | -+       | $\dashv$ | _        |
|          | 40            | $\vdash$                            | $\vdash$            | +            | +        | $\vdash$         | H        | $\dashv$ | $\dashv$  |          | 90       | $\vdash$            | $\dashv$          | +       | +       | $\vdash$        | +        | +                | liiii    |             | 140        | -        | $\vdash$        | 十        | $\dashv$           | $\dashv$     | $\dashv$ | -        | +        |          |
| -        | 41            |                                     |                     | +            | +        |                  | H        | $\dashv$ | $\dashv$  |          | 91       | H                   | $\dashv$          | +       | +       | - -             | +-       | +-               | 1        |             | 141        |          | $\vdash$        | $\dashv$ | $\dashv$           | $\dashv$     | -        | $\dashv$ | $\dashv$ |          |
|          | 42            | $\vdash$                            |                     | $\top$       | +        | T                | $\Box$   | $\dashv$ | $\dashv$  |          | 92       | $\vdash$            | $\dashv$          | +       | +       | $\vdash$        | $\top$   | †                | 1        |             | 142        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$           | $\dashv$     | _        | $\dashv$ | $\dashv$ | _        |
|          | 43            | T                                   |                     | 1            | †        |                  | П        | $\dashv$ | $\exists$ |          | 93       | $\vdash$            | $\dashv$          | $\top$  | $\top$  | $\sqcap$        | $\top$   | 1                | 1        |             | 143        |          | $\sqcap$        | 7        | $\dashv$           | 7            |          | 寸        | ᅥ        |          |
|          | 44            | Π                                   |                     | T            | 1        | П                |          | _        | $\neg$    |          | 94       | $\Box$              | 7                 | 十       | $\top$  |                 | 1        | T                | 1        |             | 144        | Γ        | $\sqcap$        | 1        | 丁                  | $\dashv$     | _        | 寸        |          |          |
|          | 45            |                                     |                     |              |          |                  |          |          |           |          | 95       |                     |                   |         |         |                 |          |                  | ]        |             | 145        |          |                 |          |                    | J            |          |          |          |          |
|          | 46            | L                                   |                     | I            | L        |                  |          |          |           |          | 96       |                     | $\Box$            | I       |         |                 |          |                  | ]        |             | 146        |          |                 | $\Box$   |                    |              |          | $\Box$   |          |          |
|          | 47            |                                     | $\Box \Box$         |              |          |                  |          |          |           |          | 97       | Ш                   |                   |         |         |                 |          |                  |          |             | 147        |          | П               | ot       | $oldsymbol{\perp}$ | $\Box$       |          | $\Box$   |          |          |
| L        | 48            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш                   | _            | 1_       | oxdot            | Ш        |          |           | <u> </u> | 98       | $\Box$              | $\perp$           | _       | ļ_      | Щ               | $\perp$  | $\perp$          | 1        |             | 148        | Щ.       |                 | $\perp$  | _                  | $\Box$       |          | $\perp$  |          |          |
|          | 49            |                                     | Щ.                  | $\perp$      |          |                  | Ш        |          | _         | L        | 99       | Ц                   | $\perp$           | $\perp$ | _       | Ш               |          | _                |          |             | 149        | Щ        | Щ               | _        | _                  | $\bot$       |          |          | _        |          |
|          | 50            |                                     |                     | 丄            |          | 1                |          | $\perp$  |           | L        | 100      | $\sqcup L$          |                   |         |         |                 |          | $\mathbb{L}_{-}$ | ]!!!!    |             | 150        |          | oxdot           | $\perp$  |                    |              |          | $\perp$  |          |          |